

METHOD AND ARRANGEMENT FOR FORMING RECEPTION PULSES IN AN  
INFRARED RECEIVER

ABSTRACT OF THE DISCLOSURE

~~The invention relates to~~ In a method and arrangement for forming reception pulses[[.]]<sub>1</sub>.  
~~According to invention, the~~ output signals of an upstream comparator which recognizes light  
pulses are used to evaluate a downstream arrangement and are newly formed and emitted as  
pulses. The aim ~~of the invention~~ is to produce a method and an associated circuit arrangement  
for forming reception pulses which represent a saving in energy, whereby said arrangement can  
be integrated into existing receiver systems, requires no external time base and can work with the  
signal of an upstream comparator. ~~The aim of the invention is achieved due to said inventive  
method which comprises a plurality of steps.~~ In a first step, an input signal delivered by an  
upstream comparator is delayed, whereupon a time reference is produced in a controlled manner  
and an output pulse begins to be formed in a controlled manner by means of the delayed input  
signal from the first step. The input signal level is examined once production of the time  
reference is completed. ~~Said~~ The examination refers back to the length of the received pulse, and  
the duration of the output impulse is adjusted according to the results of the examination.